1	THERMAL RELEASER OR ACTUATOR	33	CLOSURE SHIFTABLE TO PIT OR
2	.Nonfusible		OBSTACLE BRIDGING POSITION
3	.Common fuse releases closures	34	DISTORTABLE; E.G., FLEXIBLE
	for plural openings		STRAND-TYPE BARRICADE
4	.Pull cable with fusible	35	CHECK OR KEY CONTROLLED
	connection	36	CONTINUOUS CLOSURE OPENING IN
5	.Terminates counterweight		INTERSECTING BARRIERS
_	condition	37	CONVERTIBLE
6	Overbalanced by released weight	38	REGISTERABLE OPENING IN FACIALLY
	supplementing counterweight		OPPOSED CLOSURE AND BARRIER
7	.Fusible closure latch or	39	.Radially positioned
	retainer	40	CONVEX OR CONCAVE CLOSURE AND
8	Fusible connector disengages		OPENING
	pawl or catch	41	ARCUATE CLOSURE ROTATES ACROSS
9	IMPACT ABSORBING FLEXIBLE		ARCUATE OPENING
	BARRICADE	42	PLURAL WINGS RADIATE FROM COMMON
10	FLOOD ACTUATED		PIVOT; I.E., REVOLVING
11	.Float or vane controlled latch	43	.With speed regulator
	release	44	.Wings fold for through passage
12	.Axially pivoted picket pole	45	Move laterally of opening
13	CLOSURE CONDITION SIGNAL OR	46	.Successive position-type; e.g.,
	INDICATOR		turnstile
14	.Indicator at remote station	47	Drop-arm type
15	JAIL-TYPE CLOSURE WITH REMOTE	48	WITH SECTION FOR HAND SIGNALLING
	CONTROL STATION	49	WITH TRAFFIC DIRECTOR OR
16	.Additional key or combination		CONTROLLER; E.G., ONE-WAY
_ 0	control of individual closure	50	WITH PROTECTIVE GRILLE OR SAFETY
17	.Enclosure for remote control		GUARD
18	.Motor operated control	51	.Facing interconnected movable
19	.Rotary gang bar		louvers
20	.Ganged closures with selector	52	.Closure operator extends through
_ •	means		grille
21	RESPONSIVE TO OR DIRECTLY	53	Swinging handle actuator
	ACTUATED BY AMBIENT FLUID	54	.Carried by closure to vacated
22	Fluid softenable or soluble.		opening
	latch release	55	.Adjustable to various size
23	.Water accumulator-type		opening
24	WITH MASTER CONTROL FOR	56	.Moves relative to primary
	INDIVIDUALLY CONTROLLED		closure
	CLOSURES	57	.Removable
25	RADIANT ENERGY CONTROL	58	WITH ANIMAL BLOCKER REPELLER OR
26	SAFETY MEANS RESPONSIVE TO		CHASER
	OBSTRUCTION TO CLOSURE	59	.Electrically charged
27	.Sensing shoe on leading edge	60	.Actuated by closure movement
28	.Closure drive stopping or	61	FACIALLY OPPOSED PRIMARY AND
	reversal		AUXILIARY CLOSURE FOR COMMON
29	TIME CONTROLLED		OPENING
30	.Predetermined delay governs	62	.Auxiliary movable or removably
	start of closure movement		mounted on primary
31	CONDITION RESPONSIVE CONTROL	63	.Auxiliary mounted for movement
32	INITIAL MANUAL DISPLACEMENT	64	Of interconnected movable
	ENERGIZES MOTOR DRIVE; E.G.,		louvers
	TOUCH PLATE INITIATOR		

65	Connected for movement with	101	Lever interconnected
	primary	102	Cable interconnected
66	Sliding primary imparts	103	.Sequential movement
	swinging movement	104	.Closures mounted for swinging
67	Pivoted	105	Treadle or treadle bar
68	SEQUENTIAL CLOSURES FOR		interconnector
	PASSAGEWAY	106	Common interconnector actuated
69	MAIN CLOSURE ACTUATES		from opposite approaches
	SUPPLEMENTAL CLOSURE FOR	107	Geared, interconnector or
	TRACKWAY	20,	interconnector operator
70	COMBINED	108	Drives lever pivoted on
71	WITH SIDE PANELS; E.G., AWNING	100	closure
72	WINDOW POSITION OR MOVEMENT	109	Link or link system
, _	INTERRELATED WITH DOOR LATCH	100	interconnected
73.1	CLOSURES INTERCONNECTED FOR	110	With operator or energy stored
,3.1	CONCURRENT MOVEMENT	110	opening means
74.1	.Louver-type closures (e.g.,	111	Allochiral link system from
	slats or panels)		closures to input connection
77.1	Distinct groups of louver-type closures	112	Input acts at pivot of diverging links
79.1	Manipulation of control louver	113	Links sliding carriage
	panel connects or disconnects		mounted
	remaining louver panels	114	Actuating force applied
80.1	Louver panels move sequentially		through one closure to other
	or independently		closure
81.1	Multidirectional louver panel	115	Cable interconnector sheaved on
	movement		closure pivots
82.1	Geared, interconnector or	116	.Opposed similar movement
	operator	117	With actuator on opposite
86.1	Cable, interconnector or		approaches
	operator	118	Motor driven
87.1	Operating system includes a	119	Counterbalance effect derived
	handle		from opposed closure
89.1	Operating system includes	120	Bipartite, center-opening
	biasing means		type; e.g., elevator door
90.1	With position holder for	121	Cable interconnected
	operating system	122	Lever interconnected
91.1	With weather seal feature	123	Cable interconnected
92.1	Specific louver structure	124	EXTENSIBLE BAR SECTIONS
93	.Closures on opposite approaches	125	MOUNTED FOR MOVEMENT TO FACIALLY
	to crossing		STACKED POSITION
94	.Closures on opposite or	126	.From vertical to horizontal
	angularly related barriers	120	overhead stacked position
95	.Closures in spaced openings	127	.From collinear to stacked
	along barrier	127	position
96	Levers acting between	128	COLLINEAR CLOSURES, ONE MOVES TO
	interconnector and closures	120	OFFSET POSITION
97	Rock shaft interconnector	129	.Moved closure has additional
98	One closure with complete	127	movement
-	independent movement	130	.Horizontal sliding
99	Counterbalancing closures with	131	CLOSURE SURFACE MOVED TO
	adjustable or detachable cable	T) T	INOPERATIVE POSITION FLUSH-
	interconnector		WITH-GROUND
100	.Moves at different speeds		WIII GROOM

132 Archarion raises closure to blocking position 164 Closure slide within swingable frame with other closure 165 Closure slide within swingable frame 165 Divided frame with pivoted section 175 Divided frame with pivoted section 176 Divided frame with pivoted section 177 Depart closure closure mounted on horizontally swinging closure; e.g., sliding window on swinging door swinging of closure extends across hinge closure extends across hinge movable closure extends across hinge movable closure extends across hinge movable closures				
blocking position 164 Closure slide within swingable frame 135 WITH WIND VANE OR SAIL 165 Divided frame with pivoted section SINGLE ACTUATOR SELECTIVELY MOVES 166 Dipyer closure mounted on horizontally swinging closure; e.g., sliding window on swinging closure; e.g., sliding window on swinging door Power conduit for upper closure extends across hinge	_		163	
134Treadle on opposite approaches 135 WITH WIND VANE OR SAIL 136 SINGLE ACTUATOR SELECTIVELY MOVES 137 UNITARY OR INTERRELATED FUUID OPERATOR AND CLOSURE CHECK 138 WITH MEANS TO VARY OPENING SPAN OR SPEED DURING MOVEMENT 139 OPTIONALLY MOVED, MANUALLY, OR BY MOTOR 140Mith manually actuated operator 141 WITH SPECIFIED MEANS TO EFFECT EMERGENCY RELEASE TO CLOSURE 142 PLURAL CLOSURES, EACH WITH INDEPENDENT DIVERSE MOVEMENT 143One sliding and other swinging 144One slidies up to close, other vents about vertical axis 145One slides vertically, other swings about horizontal axis 146 VERTICALLY RECIPROCABLE, ADDITIONAL SIDEMARD VENTING MOVEMENT FROM CLOSED POSITION 147 CLOSURE HANGS ON FLACCID 158 DISPARATE SUPPORT FOR DISPLACED CLOSURE HANGS ON FLACCID 159Common counterbalance for sliding and swinging movements 150Common counterbalance for sliding and swinging movements 151Cable guide changes direction of counterbalancing force 152Other movement is sliding on link at balance point of closure 155Other movement is sliding on link at balance point of closure vertical adjustment 157Other movement is relative within portal frame 158Other movement is vertical 159Other movement is relative worthing for the relative vertical adjustment 150Other movement is vertical sliding window on swinging olosure 150Other movement is sliding on winting portal frame 158Other movement is vertical 159Other movement is vertical 150Other movement is vertical 151Other movement is vertical 152Other movement is vertical 153Mith face closure 154Other movement is vertical 155Other movement is vertical 156Other movement is vertical 157Other movement is vertical 158Mounted on rod for sliding or swinging 159With latch for sliding movement 160Rod latch 170Ampularly adjusted about	133			
SINGLE ACTUATOR SELECTIVELY MOVES Section		5 1	164	
136 SINGLE ACTUATOR SELECTIVELY MOVES TINDIVIDUAL CLOSURES 166 137 UNITARY OR INTERRELATED FLUID OPERATOR AND CLOSURE CHECK 138 WITH MEANS TO VARY OPENING SPAN OR SPEED DURING MOVEMENT 139 OPTIONALLY MOVED, MANUALLY, OR BY MOTOR 140 With manually actuated operator 141 WITH SPECIFIED MEANS TO EFFECT EMERCENCY RELEASE TO CLOSURE 142 PLURAL CLOSURES, EACH WITH 143 .One sliding and other swinging 144 .One slides up to close, other vents about vertical axis 145 .One slides vertically, other swings about horizontal axis 146 VERTICALLY RECIPROCABLE, ADDITIONAL SIDEWARD VERTING MOVEMENT FROM CLOSED POSITION 147 CLOSURE HANGS ON FLACCID CONNECTOR 148 DISPARATE SUPPORT FOR DISPLACED CLOSURE 150 .Common counterbalance for sliding and swinging movements 151 .Cable guide changes direction of counterbalancing force 152 .One movement is sliding within portal frame 153 .Swings on link 154 .Other movement is sliding within portal frame 155Other movement is sliding within portal frame 156 .Slides on pivoted support, closure vertical adjustment 157 .Other movement is vertical sliding 158 .Mounted on rol for sliding or swinging 159 .With latch for sliding movement 160Rod latch 160Rod latch 161 .Pivoted closure within framework of double hung sash 162 .Vertical laxis pivot 163 .Smgland layer extical support of coloure vertically swinging doon horizontally swinging movement 167Power conduit for upper closure extends across hinge Movated on rol for sliding or swinging 165Plural independently mounted movable closures .Plural independently swinging closure .Plural independently swinging door .Plural independently swinging door .Plural independently mounted movable closure extends accounted movable closure schedals of .With nanually actuated operator 170With common edgeViewing, well alting, or packet passage .Plural independently mounted movable closure schedals .Plural independently mounted movable closures .Within common edgeWith common edgeWith common edgeWith common edgeWith common edge .			1.65	
INDIVIDUAL CLOSURES OWNITARY OR INTERRELATED FLUID OPERATOR AND CLOSURE CHECK 138 WITH MEANS TO VARY OPENING SPAN OR SPEED DURING MOVEMENT 139 OPTIONALLY MOVED, MANUALLY, OR BY MOTOR 140 WITH SPECIFIED MEANS TO EFFECT EMERGENCY RELEASE TO CLOSURE 141 WITH SPECIFIED MEANS TO EFFECT TIMEPPENDENT DIVERSE MOVEMENT 142 PLURAL CLOSURES, EACH WITH TIMEPPENDENT DIVERSE MOVEMENT 143 One sliding and other swinging 144 .One slides up to close, other vents about vertical axis 145 .One slides vertically, other swings about horizontal axis 146 VERTICALLY RECIPROCABLE, ADDITIONAL SIDEMARD VERTING MOVEMENT FROM CLOSED POSITION 147 CLOSURE HANGS ON FLACCID CLOSURE 149 MOUNTED FOR OPTIONAL MOVEMENTS 150 .Common counterbalancing force closure mounted on horizontally swinging door swinging door swinging door swinging door movable closures 152 .One slides up to close, other vents about vertical axis singling 153 .Swings on Ink 154 .One slides vertically, other shings and swinging movements sliding and swinging movements closure and portal frame latch closure 155 .Cable guide changes direction of counterbalancing force 152 .One movement in sliding on link at balance point of closure 155Other movement is sliding within portal frame 156 .Slides on pivoted support, other movement is relative vertical adjustment 157 .Other movement is vertical slide 158 .Mounted on rod for sliding or swinging 159With latch for sliding movement 160Rod latchRod latchPivoted closure within framework of double hung sash 160Rod latchPivoted closure within framework of double hung sash 160Angularly adjusted about			165	_
137 UNITARY OR INTERRELATED FLUID OPERATOR AND CLOSURE CHECK 138 WITH MEANS TO VARY OPENING SPAN OR SPEED DURING MOVEMENT 139 OPTIONALIS MOVED, MANUALLY, OR BY MOTOR 168 PLURAL CLOSURES, EACH MITH 170 INDEPENDENT DIVERSE MOVEMENT 171 INDEPENDENT DIVERSE MOVEMENT 172 CON es slides up to close, other vents about vertical axis 173 Swings about horizontal axis 174 VERICALLY RECIPROCABLE, ADDITIONAL SIDEWARD VENTING MOVEMENT FROM CLOSED POSITION 175 CONNECTOR 176 CONNECTOR 177 COMMENT FROM CLOSED POSITION 178 COSUME TRANS OF FLACED 179 MOUNTED FOR OPTIONAL MOVEMENTS 150 CORMON counterbalancing force 151 Cable guide changes direction of closure 152 One nevement is sliding on ink at balance point of closure 153Swings on link 154Other movement is sliding within portal frame 155Other movement is sliding within portal frame 156Other movement is relative vertical adjustment 157Other movement is relative vertical adjustment 158Mounted on rod for sliding or swinging 159With latch for sliding movement 169With latch for sliding movement 169Wettical adjustment 160Rod latch 160Rod latch 161Pivoted closure within framework of double hung sash 162Vertical axis pivot 163Amulated about 164Cap-type latch 165Manulated point of closure 165Manulated point of closure 166Rod latch 167Wettical position holder 168Cap-type latch 169Retractable edgewise towards 169Retractable portion 160Rod latch 160Rod latch 161Pivoted closure within framework 162Vertical axis pivot 163Amulated about 164Link-brace between closure and stile slide 165Retractable edgewise towards 166Retractable portion 167Retractable portion 168Retractable portion 169Retractable portion 160Rod latch 160Rod latch 161Vertical axis pivot 162Retractable portion 163Retractable edgewise towards 164Link-brace between closure 165Retractable portion 166Retractable portion 167Retractable portion 168Retractable portion	136		166	
OPERATOR AND CLOSURE CHECK e.g., sliding window on swinging door Now Speed DURING MOVEMENT 167 New Conduct for upper closure extends across hinge Plural independently mounted movable closures New Conduct for upper closure extends across hinge Plural independently mounted movable closures New Conduct for upper closure extends across hinge Plural independently mounted movable closures New Conduct for upper closure extends across hinge Plural independently mounted movable closures New Conduct for upper closure extends across hinge Plural independently mounted movable closures Plural independently mounted movable closure Plural independently mounted movable closure Plural independently mounted	1 2 7		100	
WITH MEANS TO VARY OPENING SPAN OPTIONALLY MOVED, MANUALLY, OR BY MOTOR	137			
OR SPEED DURING MOVEMENT 139 OPTIONALLY MOVED, MANUALLY, OR BY MOTOR 140 With manually actuated operator 141 WITH SPECIFIED MEANS TO EFFECT 142 PLURAL CLOSURES, EACH WITH 143 One sliding and other swinging 144 .One sliding and other swinging 145 .One slides up to close, other vents about vertical axis 146 VERITCALLY RECIPROCABLE, ADDITIONAL SIDEWARD VENTING MOVEMENT FROM CLOSURE PLOSURE 147 CONNECTOR 148 DISPARATE SUPPORT FOR DISPLACED CONNECTOR 149 MOUNTED FOR OPTIONAL MOVEMENTS 150 .Common counterbalance for sliding and swinging movements is sliding on link 151Cable guide changes direction of counterbalancing force 152 .One movement is sliding on link 153Swings on link 154Other movement is sliding within portal frame 155Other movement is relative vertical djustment 156Slides on pivoted support, other movement is relative vertical adjustment 157Other movement is relative vertical adjustment 158Mounted on rod for sliding movement 159With latch for sliding movement 150Red latch 151Cable closure within framework of double hums gash 159With latch for sliding movement 150Red latch 151Capting latch 152Metractable edgewise towards of closure 153Surings on link 154Other movement is relative vertical adjustment 155Cher movement is relative vertical adjustment 156Red latch 157Metractable edgewise towards of closure 158Mounted on rod for sliding movement 159With latch for sliding movement 160Red latch 160Red latch 160Red latch 160Red latch 160Red latch 161Pivoted closure within framework of double hums gash 165Text catable portion 166Red latch 167Text conduct for plouse and stile slide 168Retractable portion 169Retractable portion 160Red latch 160Red latch 160Red latch 160Retractable portion 160Red latch 160Retractable portion 160Retractable portion 160Red latch 160Retractable portion 160Retractable po	138			
OPTIONALLY MOVED, MANUALLY, OR BY MOTOR	130		167	
MOTOR	139	*** ***********************************		
WITH SPECIFIED MEANS TO EFFECT 169		MOTOR	168	Plural independently mounted
EMBRGENCY RELEASE TO CLOSURE 170With common edge 142 PLURAL CLOSURES, EACH WITH 171Viewing, ventilating, or packet passage 143 .One sliding and other swinging 172 .edgewise separable stile-slide supports closure for vertical swinging 144One slides up to close, other vents about vertical axis swinging 145One slides vertically, other swings about horizontal axis swinging 146 VERTICALLY RECIPROCABLE, ADDITIONAL SIDEWARD VENTING MOVEMENT FROM CLOSED POSITION 175 CONNECTOR 176Vertical axis pivot 2Vertical axis pivot 3Vertical position holder actuated by pivoting closure and portal frame 2Vertical position holder actuated by pivoting closure 2Vertical axis pivot 3Vertical position holder 3Vertical position holder 3Vertical axis pivot 3Vertical position holder 3Vertical axis pivot 3Vertical position holder 3Vertical axis pivot 3Vertical position holder 3Vertical axis pivot 3Vertical position holder 3Vertical position holder 3Vertical position holder 3Vertical axis pivot 3Vertical position holder 3Vertical position holder 3Vertical axis pivot 3Vertical position holder 3Vertical position holder 3Vertical axis pivot 3Vertical position holder 3Vertical position holder 3Vertical axis pivot 3Vert	140	.With manually actuated operator		movable closures
PLURAL CLOSURES, EACH WITH INDEPENDENT DIVERSE MOVEMENT 171 Viewing, ventilating, or packet passage packet passage packet passage packet passage Edgewise separable stile-slide supports closure for vertical axis swinging 172 Edgewise separable stile-slide supports closure for vertical swinging 173 Coil spring bias coaxial of closure pivot Edgewise retractable bearing acting between closure and portal frame 175 Coil spring bias coaxial of closure pivot Edgewise retractable bearing acting between closure and portal frame 175 Common counterbalance for counterbalance for sliding and swinging movements 176 Vertical axis pivot 177 With free stile slide-portal latch Displaceable stop strip 178 With free stile slide-closure latch Displaceable stop strip Free stile slide-closure latch Displaceable stop from counterbalance for sliding and swinging movements 180 Free stile slide-closure latch Displaceable stop strip Free stile slide	141	WITH SPECIFIED MEANS TO EFFECT	169	Within encompassing closure
INDEPENDENT DIVERSE MOVEMENT One sliding and other swinging 144One slides up to close, other vents about vertical axis 145One slides vertically, other swinging 146 VERTICALLY RECIPROCABLE, ADDITIONAL SIDEWARD VENTING MOVEMENT FROM CLOSED POSITION 147 CLOSURE HANGS ON FLACCID 148 DISPARATE SUPPORT FOR DISPLACED CLOSURE 149 MOUNTED FOR OPTIONAL MOVEMENTS 150Cahle guide changes direction of counterbalance for sliding and swinging normal state actuated by pivoting closure 151Oher movement is sliding on link at balance point of closure 155Other movement is relative vertical adjustment 156Sildes on pivoted support, other movement is relative vertical adjustment 157Other movement is vertical sliding 158Mounted on rod for sliding or swinging 159With latch for sliding movement lasp individual said support of closure 150Retractable edgewise towards of closure 151Other movement is vertical sliding on skile slidie 152Other movement is relative vertical adjustment 155Other movement is vertical sliding 156Slides on pivoted support, other movement is vertical sliding 157Other movement is vertical sliding 158Mounted on rod for sliding or swinging 159With latch for sliding movement lasp individual said stile slidie 159With latch for sliding movement of closure well and stile slidie 150Red tasks pivot 151Dink-brace between closure and stile slide 152Retractable portion 153Retractable portion 154Link-brace between closure and stile slide 155Retractable portion 156Retractable portion 157Dink-brace between closure and stile slide 158Mounted on rod for sliding movement 159With latch for sliding movement 159With latch for sliding movement 150Red passage 151Link-brace between closure and stile slide 159With latch for sliding movement 150Red passage 150Link-brace between closure and stile slide 150Red passage 150Link-brace between closure 150Retract		EMERGENCY RELEASE TO CLOSURE	170	With common edge
143 .One sliding and other swinging 144 .One slides up to close, other vents about vertical axis 145 .One slides vertically, other swings about horizontal axis 146 VERTICALLY RECIPROCABLE, ADDITIONAL SIDEWARD VENTING MOVEMENT FROM CLOSED POSITION 147 CLOSURE HANGS ON FLACCID CONNECTOR 148 DISPARATE SUPPORT FOR DISPLACED CLOSURE 150 .Common counterbalance for sliding and swinging movements 151 .Cable guide changes direction of counterbalancing force 152 .One movement multidirectional 153Swings on link 154Other movement is sliding within portal frame 155Other movement is relative vertical adjustment 156Slides on pivoted support, other movement is vertical 157 .Other movement is vertical 158Mounted on rod for sliding or swinging 159With latch for sliding movement 160Rod latch 161 .Pivoted closure within framework of double hung sash 162Vertical axis pivot 162Vertical axis pivot 163Sedgewise separable stop vertical supports closure supports closure supports, closure prepriod supports, closure pivot closure privot closure privot closure supports closure prepriod closure privoted supports acting support pivot moving plant acting pivot closure of closure 177Coil spring bias coaxial of closure pivot in privatical support pivot moving plant acting between closure and sliding supposed stop flames on stile slideWertical position holder 180Free stile slide-closure 181Vertical position holder 182Dingonally opposed stop flames on stile slide or closure 183Key or latch between closure 184Longitudinal key 185Cap-type latch 186Cap-type latch 187Link-brace between closure and stile slide 188Cap-type latch 189Cap-type latch 189Cap-type latch 180Cap-type latch 180Cap-type latch 181Cap-type latch 182Cap-type latch 183Cap-type latch 184Link-brace between closure and sliding of closure 185Cap-type latch 186Cap-type latch 187Caple privot 189Cap-type latch 189Cap-type latch 189Cap-type latch 189 .	142	PLURAL CLOSURES, EACH WITH	171	
144One slides up to close, other vents about vertical axis 145One slides vertically, other swings about horizontal axis 146 VERTICALLY RECIPROCABLE, ADDITIONAL SIDEWARD VENTING MOVEMENT FROM CLOSED POSITION 147 CLOSURE HANGS ON FLACCID 175Towards closure and portal frame c.g., slide-stile c.g., slide-stile c.g., slide-stile c.g., slide-stile c.g., sliding and swinging movements 148 DISPARATE SUPPORT FOR DISPLACED CLOSURE 149 MOUNTED FOR OPTIONAL MOVEMENTS 178With free stile slide-portal latch sliding and swinging movements 179Displaceable stop strip latch closure conterbalancing force latch, closure carriedFree stile slide-closure of counterbalancing force latch, closure carriedSwings on linkSwings on linkOther movement is sliding mithin portal frame 184Longitudinal keyLongitudinal key		INDEPENDENT DIVERSE MOVEMENT		
vents about vertical axis one slides vertically, other swings about horizontal axis 146 VERTICALLY RECIPROCABLE, additional portal frame CLOSURE HANGS ON FLACCID 175 CONNECTOR 176 148 DISPARATE SUPPORT FOR DISPLACED CLOSURE 150Common counterbalance for sliding and swinging movements 179 151Cable guide changes direction of counterbalancing force link at balance point of closure and proven late that balance point of closure and proven late by involting closure 155Other movement is sliding within portal frame 184Longitudinal key vertical adjustment 185Cep-type latch cherm of counter of sliding on sliding sing movement 187Retractable edgewise towards closure vertical adjustment 186Cap-type latch 187Link-brace between closure and stile slide of closure vertical adjustment 187Link-brace between closure and sliding of closure vertical adjustment 188Cap-type latch 189Retractable edgewise towards of closure winging of closure vertical adjustment 187Retractable edgewise towards sliding 189Cap-type latch 190Rod latch 190Rod latch 190Red latch portical support verticall posticin frame 189Retractable portion 180Retractable portionRetractable portion 180Retractable portical support pivot 191Angularly adjusted about 181Vertical pagisted about 181Vertical pagisted about 181Link-prace between closure vertically on vertical support pivot 180Retractable portical support pivot 180Retractable portical support pivot 180Retractable portical support pivot 180Retractable about 181Link-prace between 181Link-prace between 181Retractable portical support pivot 180Retractable about 180Link-prace 180Link-pra	_		172	
145 One slides vertically, other swings about horizontal axis 174 Coil spring bias coaxial of closure pivot 2	144	- '		
swings about horizontal axis verticalLy RECIPROCABLE, ADDITIONAL SIDEWARD VENTING MOVEMENT FROM CLOSED POSITION 147 CLOSURE HANGS ON FLACCID CONNECTOR 158 DISPARATE SUPPORT FOR DISPLACED CLOSURE 150 .Common counterbalance for sliding and swinging movements 151 .Cable guide changes direction of counterbalancing force 152 .One movement multidirectional 153Swings on link 154Other movement is sliding 155Other movement is sliding within portal frame 156 .Slides on pivoted support, other movement is relative vertical adjustment 157 .Other movement is vertical 158 .Mounted on rod for sliding or 159 .With latch for sliding movement 160Rod latch 161 .Pivoted closure within framework of double hung sash 162 .Vertical axis pivot 177Towards closure Pivot mounted bearing acting between closure and portal frame 175Towards closure Pivot mounted on sliding movements 178With free stile slide-portal 180With free stile slide-portal 181With free stile slide-portal 182Displaceable stop strip 183Free stile slide-closure latch, closure carried 184Longitudinal key 185Diagonally opposed stop flanges on stile slide 186Longitudinal key 187Retractable edgewise towards 187Ink-brace between closure and 188 .Separable hinge permits sliding of closure vertically on vertical support pivot 189Retractable portion 189Retractable portion 180Rod latch 180Rod latch 181Ink-brace between closure 183Retractable portion 184Longitudinal key 185Retractable portion 186Link-brace between closure 187Ink-brace between closure 188Link-brace between closure 189Retractable portion 189Retractable portion 180Rod latch 180Rod latch 181Link-brace between closure 185Retractable portion 186Link-brace between closure 187Link-brace between closure 188Link-brace between closure 189Retractable portion 189Retractable portion 180Angularly adjusted about			172	
Vertically Reciprocable, ADDITIONAL SIDEMARD VENTING MOVEMENT FROM CLOSED POSITION Portal frame 175 Towards closure and portal frame 176 Pivot mounted on sliding member; e.g., slide-stile e.g., slide-portal e.g.,	145	<u>-</u> ·	1/3	
ADDITIONAL SIDEWARD VENTING MOVEMENT FROM CLOSED POSITION 147 CLOSURE HANGS ON FLACCID 176 CLOSURE 177 CLOSURE 178 DISPARATE SUPPORT FOR DISPLACED CLOSURE 179 CLOSURE 179 CLOSURE 179 MOUNTED FOR OPTIONAL MOVEMENTS 178With free stile slide-portal latch sliding and swinging movements 179 151Cable guide changes direction of counterbalancing force 152One movement multidirectional 153Swings on link 154Other movement is sliding on link at balance point of closure 155Other movement is sliding within portal frame 156Slides on pivoted support, other movement is relative vertical adjustment 187Other movement is vertical 188Mounted on rod for sliding or swinging 159With free stile slider e.g., slide-stile 177With free stile slide-portal latchWith free stile slide-portal latchWith free stile slide-portal latchDisplaceable stop strip 180Free stile slide-closure latch, closure carried latchVertical position holder actuated by pivoting closure 2Diagonally opposed stop flanges on stile slide or closure and stile slide within portal frame 2Cap-type latch 3Cap-type latch 4Cap-type latch 4Cap-t	1.4.0		174	
MOVEMENT FROM CLOSED POSITION 147 CLOSURE HANGS ON FLACCID CONNECTOR 176 Pivot mounted on sliding member; e.g., slide-stile e.g., slide-stile closure (LOSURE CLOSURE 177 CLOSURE 178 CLOSURE 179 CLO	146	-	1/1	2
147 CLOSURE HANGS ON FLACCID CONNECTOR 148 DISPARATE SUPPORT FOR DISPLACED CLOSURE 149 MOUNTED FOR OPTIONAL MOVEMENTS 150 .Common counterbalance for sliding and swinging movements 151Cable guide changes direction of counterbalancing force 152 .One movement multidirectional 153Swings on link 154Other movement is sliding on 155Other movement is sliding within portal frame 156Slides on pivoted support, other movement is relative vertical adjustment 157Other movement is vertical 158Other movement is vertical 159Other movement is vertical 150Other movement is vertical 151Other movement is vertical 152Other movement is vertical 153Swings on link 154Other movement is 181Vertical position holder actuated by pivoting closureDiagonally opposed stop flanges on stile slide or closure and stile slide or closure 200Key or latch between closure and stile slideRetractable edgewise towards closure vertical adjustment 200Cap-type latch 201Cap-type latch 201Cap-type latch 202Cap-type latch 203Cap-type latch 203Cap-type latch 204Cap-type latch 205Cap-type latch 206Cap-type latch 207Cap-type latch 208Cap-type latch 208Cap-type latch 209Cap-type latch 200Cap-type latch 200Cap-type latch 201Cap-type latch 201Cap-type latch 202Cap-type latch 203Cap-type latch 203Cap-type latch 204Cap-type latch 205Cap-type latch 206Cap-type latch 207Cap-type latch 208Cap-type latch 208Cap-type latch 209Cap-type latch 200Cap-type latch 200Cap-type latch 200Cap-type latch 201Cap-type latch 201Cap-type latch 202Cap-type latch 203Cap-type latch 203Cap-type latch 204Cap-type latch 205Cap-type latch 206Cap-type latch 207Cap-type latch 208Cap-type latch 208Cap-type latch 209Cap-type latch 200Cap-type latch 200Cap-type latch 200Cap-type latch 201Cap-type latch 201Cap-type latch 202Cap-type latch 203				
CONNECTOR 148 DISPARATE SUPPORT FOR DISPLACED CLOSURE 177Vertical axis pivot 149 MOUNTED FOR OPTIONAL MOVEMENTS 150Common counterbalance for sliding and swinging movements 179Displaceable stop strip 151Cable guide changes direction of counterbalancing force latch, closure carried 152One movement multidirectional 153Swings on link 154Other movement is sliding on link at balance point of closure 155Other movement is sliding within portal frame within portal frame late 156Slides on pivoted support, other movement is relative vertical adjustment lis relative vertical adjustment lis sliding on sliding 158Mounted on rod for sliding or swinging 159With latch for sliding movement late,Cap-type latch link stile slide 159With latch for sliding movement late late slide spermits sliding of closure 159With latch for sliding movement late late spermits sliding of closure 159With latch for sliding movement late late spermits sliding of closure 150Red latch late vertical late late spermits sliding of closure 159With latch for sliding movement late late spermits sliding of closure 150Red latch late vertical late late vertical late portion late vertical support of double hung sash 150Red lated lates late vertical support pivot 150Red lates lates pivot 151Angularly adjusted about	147		175	-
148 DISPARATE SUPPORT FOR DISPLACED CLOSURE 177Vertical axis pivot 149 MOUNTED FOR OPTIONAL MOVEMENTS 178With free stile slide-portal 150 .Common counterbalance for sliding and swinging movements 179Displaceable stop strip 151Cable guide changes direction of counterbalancing force 152 .One movement multidirectional 153Swings on link 154Other movement is sliding on link at balance point of closure 155Other movement is sliding within portal frame 156Slides on pivoted support, other movement is relative vertical adjustment 157Other movement is vertical 158Mounted on rod for sliding or swinging 159With latch for sliding movement 160Rod latch 161 .Pivoted closure within framework of double hung sash 162Vertical axis pivot 180Angularly adjusted	117		176	.Pivot mounted on sliding member;
CLOSURE 149 MOUNTED FOR OPTIONAL MOVEMENTS 178With free stile slide-portal 150 .Common counterbalance for	148			e.g., slide-stile
150 .Common counterbalance for sliding and swinging movements 179Displaceable stop strip 151Cable guide changes direction of counterbalancing force latch, closure carried 152 .One movement multidirectional 181Vertical position holder 153Swings on linkOther movement is sliding on link at balance point of closure closure closure closure 155Other movement is sliding and stile slide or closure 156Slides on pivoted support, other movement is relative vertical adjustment 186Cap-type latch 157Other movement is vertical 187Link-brace between closure and sliding swinging of closure 158Mounted on rod for sliding or swinging 189Retractable portion 159With latch for sliding movement 189Retractable portion 160Rod latch 190Red latch pivoted support of double hung sash 191Angularly adjusted about			177	Vertical axis pivot
sliding and swinging movements 179 151 .Cable guide changes direction of counterbalancing force latch, closure carried 152 .One movement multidirectional 181Vertical position holder actuated by pivoting closure 153Swings on link 154Other movement is sliding on link at balance point of closure closure 155Other movement is sliding mithin portal frame 184Longitudinal key 156Slides on pivoted support, other movement is relative vertical adjustment 186Cap-type latch 157Other movement is vertical 187Link-brace between closure and sliding 158Mounted on rod for sliding or swinging of closure 159With latch for sliding movement 189Retractable portion 160Rod latch 190Redna adjusting closure verticall support of double hung sash pivot 161Vertical axis pivot 191Angularly adjusted about	149	MOUNTED FOR OPTIONAL MOVEMENTS	178	With free stile slide-portal
151Cable guide changes direction of counterbalancing force 152One movement multidirectional 153Swings on link 154Other movement is sliding on link at balance point of closure 155Other movement is sliding on link at balance point of closure 156Other movement is sliding on link at balance point of closure 157Other movement is sliding mithin portal frame list lide within portal frame list lide other movement is relative vertical adjustment list lide slide lide sliding 157Other movement is vertical list lide slide lide lide sliding 158Mounted on rod for sliding or list lide slide lide swinging 159With latch for sliding movement list lide lide swinging 159With latch for sliding movement list lide lide lide swinging list lide lide lide lide lide lide lide lide	150	.Common counterbalance for		latch
of counterbalancing force 152		sliding and swinging movements		Displaceable stop strip
152 .One movement multidirectional 181Vertical position holder 153Swings on link actuated by pivoting closure 154Other movement is sliding on link at balance point of closure 155Other movement is sliding within portal frame 184Longitudinal key 156Slides on pivoted support, other movement is relative vertical adjustment 186Cap-type latch 157Other movement is vertical 187Link-brace between closure and sliding 158 .Mounted on rod for sliding or swinging 189Retractable portion 159With latch for sliding movement 189Retractable portion 160Rod latch 190Red adjusting closure verticall support of double hung sash 191Angularly adjusted about	151	Cable guide changes direction	180	
153Swings on link 154Other movement is sliding on link at balance point of closure 155Other movement is sliding on link at balance point of closure 155Other movement is sliding within portal frame line within portal frame line within portal frame line wertical adjustment line relative vertical adjustment line line sliding swinging line swinging line swinging line line sliding line swinging line line line line line line line line		of counterbalancing force		•
154Other movement is sliding on link at balance point of closure 183Key or latch between closure 185Other movement is sliding within portal frame 184Longitudinal key 185Retractable edgewise towards other movement is relative vertical adjustment 186Cap-type latch 187Other movement is vertical lating sliding 188Mounted on rod for sliding or swinging 189With latch for sliding movement 189Retractable portion 189Retractable portion 189Retractable portion 180Retractable portion 180Retractable portion 181Retractable portion 180Retractable portion 181Retractable portion 182Retractable portion 183Retractable portion 184Link-brace between closure and sliding 188Separable hinge permits sliding of closure 189Retractable portion 180Retractable portion 180Rod latch 190Retractable portion 180Retractable portion 181Retractable portion 182Retractable portion 183Retractable portion 184Longitudinal key 185Retractable portion 186Link-brace between closure and stile slide 187Link-brace between closure and stile slide 188Langular portion 189Retractable portion 189Retractable portion 189Retractable portion 180Retractable portion	_		181	
link at balance point of closure 183 Cother movement is sliding within portal frame 184 Longitudinal key 185 Slides on pivoted support, other movement is relative vertical adjustment 186 187 Other movement is vertical sliding 188 Cap-type latch 189 Link-brace between closure and sliding 188 Cap-type latch 189 Link-brace between closure and sliding 188 Separable hinge permits sliding of closure swinging 189 With latch for sliding movement 189 Retractable portion 180 Retractable dgewise towards 20 Retractable edgewise towards 20 Retractable edgewise towards 20 Retractable edgewise towards 20 Retractable edgewise towards 20 Retractable portion 20 Retractable portion 20 Retractable edgewise towards 20 Retractable edgewise tow		_	100	
closure 183Key or latch between closure and stile slide within portal frame 184Longitudinal key 185Retractable edgewise towards other movement is relative vertical adjustment 186Cap-type latch 187Link-brace between closure and sliding stile slide 188 .Separable hinge permits sliding swinging of closure 189Retractable portion 180Retractable edgewise towards 180Cap-type latch 181Link-brace between closure and sliding stile slide 189Retractable portion 189Retractable portion 189Retractable portion 180Rod latch 189Retractable portion 180Rod latch 190Means adjusting closure vertically on vertical support of double hung sash 180Angularly adjusted about	154		182	
155Other movement is sliding within portal frame 184Longitudinal key 156Slides on pivoted support, 185Retractable edgewise towards other movement is relative vertical adjustment 186Cap-type latch 157Other movement is vertical 187Link-brace between closure and sliding stile slide 158 .Mounted on rod for sliding or swinging of closure 159With latch for sliding movement 189Retractable portion 160Rod latch 190Retractable portion 161Rod closure within framework of double hung sash pivot 162Vertical axis pivot 191Angularly adjusted about			183	
within portal frame 184Longitudinal key 156Slides on pivoted support, 185Retractable edgewise towards other movement is relative closure vertical adjustment 186Cap-type latch 157Other movement is vertical 187Link-brace between closure and sliding stile slide 158 .Mounted on rod for sliding or swinging of closure 159With latch for sliding movement 189Retractable portion 160Rod latch 190Retractable portion 161 .Pivoted closure within framework of double hung sash pivot 162Vertical axis pivot 191Angularly adjusted about	155		103	
156Slides on pivoted support, other movement is relative vertical adjustment 186Cap-type latch 157Other movement is vertical 187Link-brace between closure and sliding stile slide 158 .Mounted on rod for sliding or swinging of closure 159With latch for sliding movement 189Retractable portion 160Rod latch 190 .Means adjusting closure 161 .Pivoted closure within framework of double hung sashVertical axis pivot 191Angularly adjusted about	133	_	184	
other movement is relative vertical adjustment 186 187 Cap-type latch 187 Link-brace between closure and sliding sliding 188 Separable hinge permits sliding of closure 189 With latch for sliding movement 189 Retractable portion 160 Rod latch 190 Rod latch 190 Means adjusting closure 161 Pivoted closure within framework of double hung sash 162 Vertical axis pivot 191 Angularly adjusted about	156	_		
vertical adjustment 186Cap-type latch 157 .Other movement is vertical 187Link-brace between closure and sliding stile slide 158 .Mounted on rod for sliding or swinging of closure 159With latch for sliding movement 189Retractable portion 160Rod latch 190 .Means adjusting closure 161 .Pivoted closure within framework of double hung sash pivot 162Vertical axis pivot 191Angularly adjusted about	130			
157Other movement is vertical 187Link-brace between closure and sliding stile slide 158 .Mounted on rod for sliding or 188 .Separable hinge permits sliding of closure 159With latch for sliding movement 189Retractable portion 160Rod latch 190 .Means adjusting closure 161 .Pivoted closure within framework of double hung sash pivot 162Vertical axis pivot 191Angularly adjusted about			186	Cap-type latch
158 .Mounted on rod for sliding or swinging of closure 159With latch for sliding movement 189Retractable portion 160Rod latch 190 .Means adjusting closure 161 .Pivoted closure within framework of double hung sash pivot 162Vertical axis pivot 191Angularly adjusted about	157		187	Link-brace between closure and
swinging of closure 159With latch for sliding movement 189Retractable portion 160Rod latch 190 .Means adjusting closure 161 .Pivoted closure within framework of double hung sash pivot 162Vertical axis pivot 191Angularly adjusted about		sliding		stile slide
159With latch for sliding movement 189Retractable portion 160Rod latch 190 .Means adjusting closure 161 .Pivoted closure within framework of double hung sash pivot 162Vertical axis pivot 191Angularly adjusted about	158	.Mounted on rod for sliding or	188	.Separable hinge permits sliding
160Rod latch 190 .Means adjusting closure 161 .Pivoted closure within framework				
161 .Pivoted closure within framework of double hung sash pivot 162Vertical axis pivot 191Angularly adjusted about				
of double hung sash pivot 191Angularly adjusted about			190	
vererear and proce	161			
	162	Vertical axis pivot	191	

262	VEHICLE ACTUATED ROLLER OR	294	Duplicate links release common
262	CARRIAGE OR CARRIED COOPERANT	205	latch
263	TREADLE OR IMPACT INITIATED	295	Crank link-type interconnector
0.64	OPERATOR	296	Bell crank-type interconnector
264	.Switch in approach to closure	297	Latch train includes closure
265	.Fluid controller in approach to		mounted cable guide
	closure	298	Link system interconnector
266	.With alternative hand operator	299	Allochiral actuators to common
267	.Two-stage operator		latch release
268	.Sequential initiators for latch release and operator	300	.Common input, diverse trains to latch and closure mover
269	.Spaced open and close initiators	301	.One direction pull cable-type
	on opposite sides of closure	302	.Actuator at remote station
270	Plural interconnected paired	303	CLOSURE MOVEMENT ACTUATED
	initiators		RETRACTABLE SEALING, GUIDING
271	Releases latch from either side		OR LOCKING STRIP
272	.Releases latch	304	.Strip mounted on sill
273	.Load maintained, self-returning	305	Interengages strip on closure
274	Spring return	306	.Strip movement in plane of
275	CLOSURE MOVED BY STEP-BY-STEP	300	closure
275	OPERATOR	307	Horizontally reciprocating
276	STARTER-TYPE OPERATOR; E.G., SEAL	307	plunger actuator
270	BREAKER	308	Lever interconnects or cams
277	.Lever actuator engages strap-	300	strip
211	fastener or longitudinally	309	Oblique movement
	shiftable bar	310	
278		310	Resilient means swings strip to
_	.Handle-camming lever	211	retracted position
279	OPERATOR INTERRELATED WITH	311	Offset or lever actuator, axis
000	CLOSURE LATCH RELEASE	210	parallel to strip axis
280	.Motor driven	312	Spring coaxial or strip axis
281	.Common actuator, different	313	Deflector in path of strip
	movements to unlatch and move	314	Jamb mounted
000	closure	315	.Weight or gravity biased to
282	.Actuator or opposite approaches		retracted position
283	Latch for diverse positions of	316	OPERATOR FOR RETRACTABLE SEALING,
	closure, separate trains		GUIDING OR LOCKING STRIP
284	Latch train and closure	317	.Opposed strips actuated
	operator train from diverse		concurrently
	points on actuator	318	With interconnected strip on
285	Lever interconnector, separate		adjacent side
	trains to latch and closure	319	.Interrelated with closure latch
	mover	320	.Rotating shaft normal to plane
286	Force applied at closure pivot		or strip movement
	releases latch	321	.Includes lever
287	Geared	322	WITH SAFETY BRAKE OR CATCH
288	Sheaved	323	CLOSURE GUIDED FROM HOUSING BY
289	Closure or latch interposed in		RETRACTABLE SUPPORT
	endless or looped cable	324	WITH OPERATOR FOR MOVABLY MOUNTED
290	Lost motion branched cable		CLOSURE
291	Lost motion pin or lever and	325	.Reversibly flexible and rigid
	slot		rod
292	Lost motion cam drive	326	.Moves closure in either
293	Closure moving force applied		direction from closed position
	through latch releaser	327	.Actuated from opposite
			approaches

328 329	By vertically oscillating leverLink system connects lever to closure	365	CLOSURE MOUNT OR STOP ON INDEPENDENT MOVABLE OR REMOVABLE CENTER POST
330	Actuating force applied	366	BIPARTITE, CENTER OPENING
	between link pivots; e.g.,	367	.Overlapping meeting edges
	over center toggle-type	368	With disparate seal
331	Pull cable, lever	369	Z-bar-type edge
	interconnector	370	.Sliding closures
332	Cable with pulley or drum	371	SWINGING CLOSURES CLOSING SINGLE
333	.Coaxial of closure pivot	3,1	OPENING
334	Motor driven	372	STORED IN HOUSING
335	Coaxial gear	373	.With cover or lid for housing
336	Rack drive	5.5	opening
337	Worm drive	374	Reciprocates vertically in and
338	Link drives coaxial connector	3,1	out of housing
339	.Operating lever or link and	375	Vertical extension on closure
337	closure swing about parallel axes	3.3	bottom edge guided with housing
340	Motor-driven lever	376	Inclined guide on side edge of
341	Gear-driven lever		portal opening
342	Toothed lever end engages gear	377	With cushioning means adjacent
343	Lever carries screw gearing		housing opening
	component	378	One-piece housing facing and
344	Reciprocating rod drives lever		portal frame contains quide
345	Multiple links	379	LATCH RELEASE OF MOVEMENT-STORED
346	Lever end slide engages guide		ENERGY
347	on closure	380	MOVABLE CLOSURE AND ITS SUPPORT TRANSFERABLE AS UNIT
348	One direction pull cable	381	WITH MEANS MOUNTING CLOSURE FOR
	.Drive within closure housing	301	SWINGING
349		382	.Hinging position reversal means
350	Gear-driven lever moves within limits of housing	383	.Hinge edge, finger guard, lock
351	Multiple levers	505	or disparate seal
352	Multiple leversCable drive	384	Cylinder and sleeve-type
	Exposed handle drives concealed	385	.Transverse pivot; e.g., single
353	lever		pivoted corner
354	.Through wall type	386	.With biasing means
355	With weather seal or flap for	387	Distinct weight
	drive element	388	.Pivots on opposed portal members
356	.Push-rod actuator	389	Closure removable in inclined
357	.Remote actuating or initiating		position
	station	390	Closure portions on opposite
358	.Closure-mounted drive		sides of portal in open
359	Lever-actuated drive		position
360	.Operator drives closure along guide	391	<pre>Inclined opposed member; e.g., vent window-type</pre>
361	Common input for drives adjacent opposed guides	392	Diagonally opposed stops or seals
362	Rack or screw parallel to closure guide	393	<pre>On pivot carrying portal members</pre>
363	Lever	394	.With latch or lock
364	BUMP ACTUATED LATCH RELEASE FOR	395	Plural; e.g., gang
-	BIASED CLOSURE	396	.Compensator for front end
	-		weight; e.g., sag preventer

397	.Unitary structural member and hinge element	429	Cooperates with counterbalance hardware
398	.Concealed hinge	430	Counterbalance within jamb-
399	.Hinge leaf mounted on closure		guide gap
	edge surface	431	Interengaging sections on
400	.Closure nests within portal	400	portal and closure
401	frame	432	On parting strip and adjacent
401	Marginal closure flange	122	closures
400	overlaps portal frame	433	Plural interdigitants
402 403	.Closure overlies portal frame	434	Single guide or slide for facially adjacent closures
403	.Louver end caps; e.g., mounting clips	435	Parting strip with integral,
404	WITH MEANS MOUNTING CLOSURE FOR	433	opposite wings
101	RECIPROCATION	436	Bearing includes transverse
405	.By link mount	150	restrainer
406	.With plug, flap, or bridger for	437	Closure mounted
100	meeting rail	438	On closure edge
407	.Guide mounted stop spaces	439	Cap-type
	closure from sill	440	Channel guide
408	.Drain or vent in guide or sash	441	Converging sides or ends
409	.Pendant from horizontal guide	442	Guide engages slot in closure
410	With guide for lower edge of	443	On closure face
	closure	444	Portion engages edge surface
411	Threshold or sill guide	445	.With counterbalance
412	Overlapping angles shield	446	Connected to slide mount of
	track-closure crevice		removable closure
413	.Horizontally sliding sashless-	447	Guide-concealed weight pocket
	type	448	Displaceable guide section
414	.With distinct biasing means for slide or guide		permits access to weight pocket
415	Acting transversely of closure	449	.With latch or lock
	face	450	Plural open positions
416	Biased side guide or parting	451	Friction holder
44.5	strip	452	.With means to adjust guide
417	With means to adjust or retract	4=0	position
410	biaser	453	.Slide or guide feature for
418	Adjusting screw coaxial of	4 = 4	closure removal
419	<pre>coil springNonmetallic biaser</pre>	454	Detachable or displaceable
420	Ball or roller bearing	455	stile or slide strip
421	Closure carried	400	Guide mounted for repeated movement
422	Biaser permits self-adjustment	456	Removable guide
122	of single quide for plural	457	Interfitted retainers, guide,
	closures	157	and frame
423	Slide or guide with transverse	458	.Interengaging meeting rails
	restrainer	459	.Guide includes deformed or cast
424	.Baffle plate guided in chamber		component
	slot	460	HANDLE OR PROTECTOR
425	.Revolving guide component; e.g.,	461	.Receptor for pole handle
	roller or gear	462	.Edge protector
426	Offset from plane of portal;	463	REMOVABLE CLOSURE
	e.g., freight car door	464	.With separable closure sections
427	On support edgewise of passage	465	.Releasable means on closure
428	.Diverse or springy material guide or slide		
	<u> </u>		

466	.Displaceable sealing or binding strip		
467	THRESHOLD		
468	.Adjustable	FOREIGN	ART COLLECTIONS
469	.With diverse seal		<u> </u>
470	Closure carried	FOR	CLASS-RELATED FOREIGN DOCUMENTS
471	.With drain or vent		
472	COMBINED SEAL, STOP AND STIFFENER; I.E., CLEAT		
473	.With additional seal	DIGESTS	
474	.Eddy current or airspace trap	DIGESIS	
475.1	CLOSURE SEAL; E.G., STRIKER GASKET OR WEATHERSTRIP	DIG 1	THERMAL BREAKS FOR FRAMES
476.1	.With fluid drain, or closure	DIG 2	PLASTIC FRAME COMPONENTS
	face mounted deflector; e.g., sill seal		
477.1	.Inflatable or fluid pressure responsive		
478.1	.Magnetic		
479.1	.With corner or corner forming portions; i.e., corner seal		
480.1	.With distinct biasing means		
482.1	.With feature for segmenting, replacing, adjusting, or severing		
483.1	.Having complementary engaging portions on closure or closure and portal frame		
484.1	.Plural distinct seals		
489.1	.Anchored in channel or slot in closure or portal frame		
490.1	.U-shaped member or portion mounts seal		
492.1	.Held by snap fastener		
493.1	.With holder; e.g., securing sheath		
495.1	.Plural sealing contact points		
496.1	<pre>.Spaced or superposed flange cantilevered from edge of base portion; e.g., leaf-spring type</pre>		
498.1	.Tubular or tubular portion		
499.1	.Bulged sealing surface intermediate securing ends		
500.1	.Windlace-type		
501	PANEL WITH CLOSURE FEATURE		
502	.With means to accommodate window accessory; e.g., automobile-type door		
503	.Modified to accommodate lock or latch		
504	FRAME WITH CLOSURE FEATURE		
505	.Adjustable frame		
506	PROCESSES		
507	MISCELLANEOUS		